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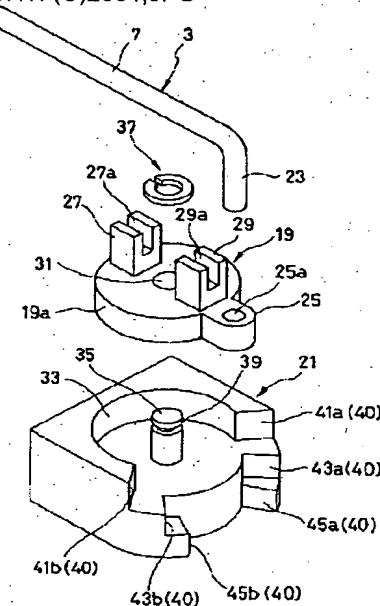
(72) Inventor: TAMURA SHINICHI  
ASAMI TAKASHI  
HIROTA MASAKI**(54) LIQUID LEVEL SENSOR****(57) Abstract:**

**PROBLEM TO BE SOLVED:** To cope with variations of the range of arm deflection angle with one kind of sensor.

**SOLUTION:** This liquid level sensor is equipped with a float arm 3 and stoppers 40. The arm 3, having a float on one end, with the other end supported in an upward/downward rotatable manner on a rotary support part rotates upward/downward in compliance with vertical motion of the float following the rise/fall of a liquid level. The stoppers 40 regulate the range of upward/downward rotation of the arm 3 according to a specific amount of liquid. This level sensor is characterized in that the support part is formed as an arm holder 19 supported in an upward/downward rotatable manner on a sensor frame 21 and capable of supporting the arm 3, that a stopper engagement part 23 having a selectively variable length is provided on the other end of the arm 3, and that the stoppers 40 are each formed to have a plurality of

steps having different regulation zones according to the length of the engagement part 23.

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